

Nuclear, Biological and Chemical (NBC) Defense

Joint Service Lightweight Nuclear, Biological, Chemical Reconnaissance System (JSLNBCRS)

Description

The JSLNBCRS will detect, collect, correlate, and disseminate Nuclear, Biological and Chemical (NBC) and toxic industrial hazard information, and mark contaminated areas in support of Marine Corps Expeditionary Forces, U.S. Army Light Forces, and U.S. Air Force Tactical Forces. It consists of a Base Vehicle (BV) and an Equipment Suite (ES) of on-board NBC and toxic industrial chemical detectors, communications and analysis equipment, a meteorological (MET) system, and a position-locating device. All components interface through a microprocessor based Computer Data Processing Unit (CDPU).

Operational Impact

The JSLNBCRS will be employed by Marine Corps forces in areas where it is reasonable to expect that NBC weapons and toxic industrial chemicals will be used against friendly forces. In the forward combat area the JSLNBCRS will be integrated into the overall reconnaissance and surveillance effort to either confirm or deny contaminated areas. In the rear areas it will be used to monitor main supply routes, logistics bases, airfields, ports, and key command and control centers for NBC hazards. The system will also support other hazard assessment missions as necessary.

Introduction of the JSLNBCRS eliminates/reduces deficiencies in current systems by providing a common platform, that is more readily transportable, using strategic and intra-theater lift capabilities.

Program Status

The program has successfully completed the Program Definition and Risk Reduction acquisition phase and is awaiting its Milestone II decision. Developmental Testing was completed in early FY01.

Procurement Profile: FY01 FY02

Quantity:	45	52
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Developer/Manufacturer

TRW Incorporated; Carson, CA